

**Revised Air Quality Impact Analysis  
Alliance Power, Inc. - Drews Substation  
March 26, 2001**

**Equipment Information:**

Equipment Type: Gas Turbine Manufacturer: GE Model: PGT 10B1	Capacity: - Output (MW): 10.25	Fuel: Natural Gas HHV:
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**Emission Rates:**

Pollutant	Emission Rate (lbs/hr)	Emission Rate (g/s)	4-Turbine Emission Rate (g/s)		Comments
NO <sub>x</sub>	3.52	0.44	1.78	1-Hour	NO <sub>x</sub> : 5ppm Start-up Mode (Per Hour)
NO <sub>x</sub>	3.09	0.39	1.56		NO <sub>x</sub> : 5ppm Start-up Mode (Per Year)
NO <sub>x</sub>	2.19	0.28	1.11	Annual	NO <sub>x</sub> Annual is a ratio of 0.71 (Total NO <sub>2</sub> to Total NO <sub>x</sub> )
CO	3.95	0.50	1.99	1-Hour	CO: Start-up Mode (Per Hour)
CO	2.84	0.36	1.43	8-Hour	CO: Start-up Mode (Per 8-Hour)
PM <sub>10</sub>	0.83	0.10	0.42		PM <sub>10</sub> : Start-up Mode
PM <sub>10</sub>	0.83	0.10	0.42	24-Hour and Annual	PM <sub>10</sub> : Typical Mode

Note:

- Annual NO<sub>x</sub> values reflect total NO<sub>2</sub> to total NO<sub>x</sub> conversion factor of 0.71.